

## Claims

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- 5     1.    A telecommunication method for a wireless network comprising:
- providing a location server and a location based application for the wireless network,
  - 10    -    requesting a location reporting service by the location based application from the location server,
  - detecting when a wireless mobile telecommunication device fulfils a location condition,
  - 15    -    assigning a temporary identifier to the wireless mobile telecommunication device by the location server,
  - providing of the temporary identifier to the location based application.
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2.    The method of claim 1, further comprising storing of a mobile subscriber identifier for the wireless mobile telecommunication device and the temporary identifier by the location server.
- 25    3.    The method of claim 1, further comprising requesting of the transmission of user data by the location-based application, whereby the temporary identifier is comprised in the request.
- 30    4.    A telecommunication method for a wireless network comprising the steps of:

- receiving of a request for a location reporting service from a location based application by a location server,
- 5       - detecting when a wireless mobile telecommunication device enters the location,
- assigning a temporary identifier to the wireless mobile telecommunication device,
- 10       - forwarding of the temporary identifier to the location based application,
- receiving of a request to transmit user data from the location based application, whereby the request indicates the temporary identifier.
- 15   5.   A telecommunication method for a wireless network, comprising the steps of:
  - requesting a location reporting service from a location server by a location based application,
  - 20       - receiving of a temporary identifier of a wireless mobile telecommunication device which has fulfilled a location condition from a location server,
  - 25       - requesting the transmission of user data to the wireless mobile telecommunication device on the basis of the temporary identifier.
- 6.   A location server for a wireless network comprising:
  - 30       - means for receiving of a request for a location reporting service from a location based application,

- means for detecting when a wireless mobile telecommunication device fulfils a location condition,
  - 5        - means for assigning a temporary identifier to the wireless mobile telecommunication device,
  - means for providing of the temporary identifier to the location based application,
  - 10       - means for receiving of a request to transmit user data from the location based application, whereby the request indicates the temporary identifier.
7.     The location server of claim 6, further comprising database means for  
15       storing of mobile subscriber identifiers and assigned temporary identifiers.
8.     A location based application server for a wireless network having a location server, the location based application server comprising:
- 20       - means for requesting a location reporting service from the location server,
  - means for receiving of a temporary identifier of a wireless mobile telecommunication device which has fulfilled a location condition from the  
25       location server,
  - means for requesting the transmission of user data to the wireless mobile telecommunication device on the basis of the temporary identifier.
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9.     The location based application client of claim 8, further comprising means for indicating a message type for sending of the user data.

10. A telecommunication system comprising:

- a wireless network,
- a location server being coupled to the wireless network,
- means for receiving of a request for a location reporting service from a location based application by the location server,
- means for detecting when a wireless mobile telecommunication device fulfils a location condition,
- means for assigning a temporary identifier to the wireless mobile telecommunication device,
- means for providing of the temporary identifier to the location based application,
- means for receiving of a request to transmit user data from the location based application, whereby the request indicates the temporary identifier.